### AXIAL FLOW FANS PERFORMANCE DATA

#### Sound Data

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<th>2k</th>
<th>4k</th>
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For Free Field conditions apply the following corrections to the In-Duct figures. All figures are negative unless otherwise stated.

#### All

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All figures are negative unless otherwise stated.
**AXIAL FLOW FANS PERFORMANCE DATA**

**Size 1600**

10 rev/sec

**SOUND DATA**

For Free Field conditions apply the following corrections to the In-Duct figures. All figures are negative unless otherwise stated.

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All figures are negative unless otherwise stated.

**SOUND DATA**

For Free Field conditions apply the following corrections to the In-Duct figures. All figures are negative unless otherwise stated.

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<th>Zone</th>
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<th>In-Duct dB</th>
<th>In-Duct Spectrum Corrections, dB</th>
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All figures are negative unless otherwise stated.
SOUND DATA

For Free Field conditions apply the following corrections to the In-Duct figures. All figures are negative unless otherwise stated.

**All** In/Out O/A 2 0 0 0 0 0 0 0 O/A

---

**SOUND DATA**

For Free Field conditions apply the following corrections to the In-Duct figures. All figures are negative unless otherwise stated.

**All** In/Out O/A 2 0 0 0 0 0 0 0 O/A
### AXIAL FLOW FANS PERFORMANCE DATA

**Size 1600**

12 rev/sec

### SOUND DATA

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### For Free Field conditions apply the following corrections to the In-Duct figures.

All figures are negative unless otherwise stated.

### All

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### SOUND DATA

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<th>In-Duct Spectrum Corrections, dB</th>
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<td>dB</td>
<td>Total 63 125 250 500 1k 2k 4k 8k dB(A)</td>
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### For Free Field conditions apply the following corrections to the In-Duct figures.

All figures are negative unless otherwise stated.
For Free Field conditions apply the following corrections to the In-Duct figures. All figures are negative unless otherwise stated.

### SOUND DATA

**Zone** | **In-Duct dB** | **Total** | **63** | **125** | **250** | **500** | **1k** | **2k** | **4k** | **8k** | **dB(A)**
---|---|---|---|---|---|---|---|---|---|---|---
1 Inlet | 7 | 9 | 9 | 7 | 9 | 10 | 14 | 22 | 4 | 5 |
1 Outlet | 5 | 8 | 9 | 8 | 10 | 12 | 15 | 22 | 5 |
2 Inlet | 3 | 7 | 11 | 11 | 15 | 17 | 24 | 7 |
2 Outlet | 2 | 8 | 12 | 12 | 13 | 16 | 16 | 22 | 8 |
3 Inlet | 4 | 7 | 10 | 9 | 12 | 15 | 18 | 25 | 7 |
3 Outlet | 3 | 6 | 10 | 10 | 13 | 15 | 17 | 24 | 7 |
4 Inlet | 4 | 8 | 9 | 10 | 10 | 12 | 23 | 4 |
4 Outlet | 3 | 8 | 11 | 12 | 12 | 15 | 25 | 6 |
5 Inlet | 4 | 7 | 9 | 9 | 11 | 15 | 18 | 26 | 7 |
5 Outlet | 3 | 7 | 10 | 11 | 12 | 15 | 18 | 24 | 7 |
6 Inlet | 3 | 7 | 10 | 9 | 11 | 14 | 17 | 23 | 6 |
6 Outlet | 3 | 7 | 11 | 11 | 12 | 15 | 16 | 21 | 7 |
7 Inlet | 5 | 9 | 9 | 10 | 10 | 13 | 25 | 4 |
7 Outlet | 3 | 9 | 11 | 12 | 13 | 16 | 27 | 7 |
8 Inlet | 3 | 7 | 9 | 9 | 10 | 14 | 17 | 26 | 6 |
8 Outlet | 3 | 8 | 11 | 11 | 13 | 16 | 18 | 26 | 8 |
9 Inlet | 3 | 8 | 10 | 9 | 11 | 15 | 17 | 23 | 6 |
9 Outlet | 3 | 7 | 11 | 11 | 12 | 15 | 16 | 21 | 7 |

**Tested with motor downstream of impeller**
**Density 1.2 kg/m³**

### SOUND DATA

**Zone** | **In-Duct dB** | **Total** | **63** | **125** | **250** | **500** | **1k** | **2k** | **4k** | **8k** | **dB(A)**
---|---|---|---|---|---|---|---|---|---|---|---
1 Inlet | 14 | 11 | 7 | 4 | 8 | 12 | 18 | 25 | 5 |
1 Outlet | 8 | 11 | 7 | 5 | 9 | 13 | 18 | 25 | 4 |
2 Inlet | 8 | 7 | 7 | 6 | 8 | 10 | 14 | 22 | 3 |
2 Outlet | 5 | 8 | 9 | 8 | 10 | 11 | 15 | 22 | 5 |
3 Inlet | 5 | 8 | 9 | 9 | 9 | 13 | 16 | 21 | 5 |
3 Outlet | 4 | 8 | 9 | 9 | 9 | 14 | 15 | 20 | 5 |
4 Inlet | 10 | 9 | 9 | 8 | 8 | 8 | 11 | 21 | 6 |
4 Outlet | 4 | 9 | 9 | 10 | 10 | 13 | 22 | 4 |
5 Inlet | 7 | 6 | 8 | 7 | 9 | 11 | 15 | 23 | 4 |
5 Outlet | 4 | 7 | 10 | 9 | 12 | 13 | 17 | 24 | 6 |
6 Inlet | 5 | 8 | 9 | 9 | 9 | 14 | 17 | 22 | 6 |
6 Outlet | 3 | 7 | 10 | 10 | 11 | 15 | 16 | 20 | 6 |
7 Inlet | 9 | 8 | 7 | 8 | 9 | 9 | 11 | 22 | 3 |
7 Outlet | 5 | 7 | 9 | 9 | 10 | 11 | 13 | 24 | 5 |
8 Inlet | 8 | 6 | 8 | 8 | 10 | 12 | 15 | 24 | 5 |
8 Outlet | 4 | 6 | 9 | 9 | 10 | 12 | 13 | 23 | 5 |
9 Inlet | 3 | 7 | 10 | 10 | 12 | 15 | 18 | 23 | 7 |
9 Outlet | 3 | 6 | 10 | 10 | 13 | 15 | 18 | 22 | 7 |

For Free Field conditions apply the following corrections to the In-Duct figures. All figures are negative unless otherwise stated.